



Designed for SMB with Cost-Effective 10GBASE-T Connectivity and Advanced L2+/Layer 3 Lite Features

As a leading provider of network equipment for SMBs, NETGEAR® understands the importance of reliable and high performance networks. With the growth of virtualization, cloud-based services and applications like VoIP, video streaming and IP surveillance, SMB networks need to extend beyond simple reliability to higher speed and performance. The 10-Gigabit Smart Switch series from NETGEAR presents the right solution for this requirement; delivering unprecedented non-blocking 10-Gigabit bandwidth at an affordable cost.

The NETGEAR XS708T, XS712Tv2, XS716T, XS728T, and XS748T are powerful Smart Switches that come with 8, 12, 16, 24, or 44 10-Gigabit Copper ports and either 2 Shared (Combo) Copper/SFP+ ports (XS708T/XS712Tv2/XS716T) or 4 additional Dedicated SFP+ ports (XS728T/XS748T) for 10G Fiber links. The NETGEAR 10-Gigabit Smart Switches are purposely designed as a cost-effective way to provide 10G connections to 10G-capable servers and NAS (Network Attached Storage) systems.

They can be used at the “center of a small business network” or as an aggregation/ access switch in a larger organization including workgroup access, connecting to a 10-Gigabit NETGEAR Fully Managed Switch on one end and extending the 10G connections to the edge. The XS708T, XS712Tv2 and XS716T are also ideal for smaller workgroups that need high bandwidth for sharing, collaborating, editing, and publishing high-density content like video or animation.

Highlights

The 10G Smart Switches provide comprehensive L2+/Layer 3 Lite features in order to meet current and future needs on virtualization, converged networking and mobility. Some of the main features include:

- Advanced VLAN features such as Protocol-based VLAN, MAC-based (Media Access Control) VLAN and 802.1x Guest VLAN
- Advanced QoS (Quality of Service) with L2/L3/L4 awareness and 8 priority queues
- IPv4 and IPv6 static routing
- Private VLAN
- Dynamic VLAN assignment
- IGMP and MLD snooping
- Advanced Security
- IPv6 for management, QoS and ACL

10-Gigabit Transition with BASE-T

- 10GBASE-T, like other BASE-T technologies, uses the standard RJ45 Ethernet jack
- It is backward compatible, auto-negotiating between higher and lower speeds - thereby not forcing an all-at-once network equipment upgrade
- Cat5/Cat5e are supported for Gigabit speeds up to 100 meters
- Cat6 twisted pair copper cabling supports 10-Gigabit speeds up to 45 meters
- Cat6a or newer Cat7 cabling will allow for up to 100 meter 10GBASE-T connections

Designed as Core Switch for SMB Network

- 10G connection to 10G-capable servers and network storage
- Powerful L2+/Layer 3 Lite features make them the most cost-effective core switches for SMB and virtualization environment
- Future-proof your network with 10G bandwidth, advanced traffic management and comprehensive IPv6 support
- Static routing helps to route internal traffic for more efficient use of network resources
- IGMP and MLD snooping provide advanced multicast filtering

Highlights

Act as Aggregation Switch for Medium Sized Networks

- 10-Gigabit switches help to resolve the congestion issue between network edge and core, which is caused by the broader adoption of Gigabit-to-the-desktop
- 10-Gigabit Ethernet provides greater scalability than multiple Gigabit Ethernet links, resulting in a simplified and highly efficient network infrastructure

- Up to eight 10-Gigabit Ethernet links can be aggregated into a virtual 80-Gbps connection
- 10-Gigabit Ethernet reduces cabling complexity and uses existing cabling efficiently

Smart IT, not Big IT

- Easy-to-use Web browser-based management GUI makes setup and management simple
- Standards-based technology ensures interoperability with any standards-based devices in the existing network

- Dual firmware images improve reliability and uptime to your network
- Worry-free with NETGEAR Limited Lifetime* Hardware Warranty
- Minimal down-time with NETGEAR Limited Lifetime* Next-Business-Day Replacement Warranty
- Get deployment assistance with 90-days Free 24x7 Advanced Technical Phone Support**
- Limited Lifetime* Online Chat Technical Support

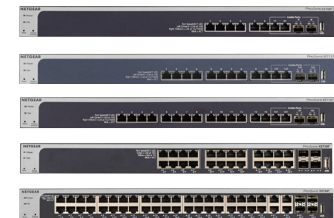


Hardware-at-a-Glance

		FRONT				REAR	
Model Name	Form Factor	100M/1G/10G Copper Ports	1G/10G Copper Ports	1G/10G SFP+ Ports	Firmware/ Config Access	Power Supply	Fans
XS708T	Rackmount	8		2 shared (combo)	1 x USB	1 internal PSU, fixed	1 internal, fixed fan
XS712Tv2	Rackmount	12		2 shared (combo)	1 x USB	1 internal PSU, fixed	2 internal, fixed fans
XS716T	Rackmount	16		2 shared (combo)	1 x USB	1 internal PSU, fixed	2 internal, fixed fans
XS728T	Rackmount		24	4 dedicated	1 x USB	1 internal PSU, fixed	4 internal, fixed fans
XS748T	Rackmount		44	4 dedicated	1 x USB	1 internal PSU, fixed	4 internal, fixed fans

Ordering Information

Model Name	North America, Latin America and Europe	Asia Pacific and Australia	China	India
XS708T	XS708T-100NES	XS708T-100AJS	XS708T-100PRS	XS708T-100INS
XS712T	XS712T-200NES	XS712T-200AJS	XS712T-200PRS	
XS716T	XS716T-100NES	XS716T-100AJS	XS716T-100PRS	XS716T-100INS
XS728T	XS728T-100NES	XS728T-100AJS	XS728T-100PRS	XS728T-100INS
XS748T	XS748T-100NES	XS748T-100AJS		



*This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and covers unmodified hardware, fans and internal power supplies - not software or external power supplies, and requires product registration at <https://www.netgear.com/business/registration> within 90 days of purchase; see <https://www.netgear.com/about/warranty> for details. Intended for indoor use only.

** The NETGEAR OnCall 24x7 contract provides unlimited phone and email technical support for your networking product. For ProSAFE products purchased prior to 06/2014, also includes next business-day hardware replacement.

† NETGEAR #1 in US Market Share according to NPD data for Unmanaged and Smart Switches, September 2019. NETGEAR #1 in Europe Market Share according to Context data for Unmanaged and Smart Switches, September 2019.

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